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Substitute for form 1449/PTO		Complete if Known				
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	INFORMATION DISCLOSURE	Filing Date	March 31, 2004			
		First Named Inventor	Sankaran Narayanan			
	STATEMENT BY APPLICANT	Art Unit	2619			
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て	Sheet 1 of 2	Attorney Docket Number	307568.01/MS#TI22176			

			U. S. PATEN	DOCUMENTS	
Examiner Initials*	Cite No.	Document Number Number-Kind Code ^{2 (F known)}	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
/WC	1/1	US- 6,275,937	08/14/2001	Hailpern et al.	
/WC		^{US-} 6,553,422	04/22/2003	Nelson	·
7WC/	3	US- 6,567,915	05/20/2003	Guthery	
/WC/	4	^{US-} 6,584,567	06/24/2003	Beliwood et al.	
7WC/	5	^{US-} 2002/0174125	11/21/2002	Lucovsky et al.	
/WC/	6	US- 2002/0178240	11/28/2002	Fiveash et al.	
/WC/	7	US- 2002/0184521	12/05/2002	Lucovsky et al.	•
7WC/	8	us- 2003/0009570	01/09/2003	Moskowitz et al.	
/WC/	9	^{US-} 2003/0084331	05/01/2003	Dixon et al.	
7WC7	10	^{US-} 2003/0105965	06/05/2003	Challenger	
/WC/	11	US- 2003/0217165	11/20/2003	Buch et al.	
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		FORE	IGN PATENT DOCU	MENTS		
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Examiner		Date	04/04/2000
Signature	/Wutchung Chu/	Considered	01/04/2008

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INFORMATION DISCLOSURE	Filing Date	March 31, 2004
STATEMENT BY APPLICANT	First Named Inventor	Sankaran Narayanan
	Art Unit	
(Use as many sheets as necessary)	Examiner Name	
Sheet 2 of 2	Attorney Docket Number	307568.01/MSFTI22176

Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue	T ²
		number(s), publisher, city and/or country where published.	
/WC/	12	DENG et al., Defending Against Redirect Attacks in Mobile IP, 9th Conference on Computer and Communications Security, November 18-22, 2002, pp. 59-67, Washington DC	
/WC/	13	GORDON et al., Validating a Web Service Security Abstraction by Typing, Proceedings of the 2002 ACM Workshop on XMP-Security, Nov. 2002; pp. 18-29, ACM Press, Fairfax; VA	
/WC	14	JENNINGS et al., RFC3325 Private Extensions to the SIP for Asserted Identity within Trusted Networks, (http://www.faqs.org/rfcs/rfc3325.html), Nov., 2002, The Internet Society	
/WC/	15	Marshall ed., RFC3313 Private Session Initiation Protocol (SIP) Extensions for Media Authorization, (http://www.faqs.org/rfc3/rfc3313.html), Jan. 2003, The Internet Society	
/WC/	16	ROSENBERG et al, RFC3261 SIP: Session Initiation Protocol, (http://www.faqs.org/rfcs/rfc3261.html), June, 2002, The Internet Society	
/WC/	17	SIP: Protocol Overview, (http://www1.radvision.com/NR/rdonlyres/0F6C2E81-72B3-4C42-B33C-DDBC9115AC3D/234/SIPProtocolOverview.pdf), 2001, pp. 1-16, Radvision Ltd.	

Examiner /Wutchung Chu/	Date Considered	01/04/2008
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Sheet 1

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Complete if Known Application Number 10/815,232 Filing Date March 31, 2004 Jeremy T. Buch 2684 건성(역 First Named Inventor Art Unit 26B4 Examiner Name Not YELASSIGNED W. () W Altomey Docket Number 307568.01

U. S. PATENT DOCUMENTS Examine Cite **Document Number Publication Date** Name of Patentee or Pages, Columns, Lines, Where MM-DD-YYYY Initials* No. Applicant of Cited Document Relevant Passages or Relevant Figures Appear Number-Kind Code² (# known) ^{US-} 2002/129236 A1 Md 09-12-2002 Nuutinen Mikko 7WC/ US- 6 389 532 B1 05-14-2002 Gupta Amit, et al. US-US-US-US-US-US-US-US-US-US-US-US-US US-US-US-US-

		FOREIG)	PATENT DOCU	MENTS		
Examiner Initials*	Cite No.	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	
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Examiner Signature	/Wutchung Chu/	Date Considered	01/04/2008

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	(Use as many sne	ets es n	ucessary)	Examiner Name	Not Yet Assigned		
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Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
/WC/		EP 05102470, European Patent Office, "Partial European Search Report", Berlin, Date of Search July 27, 2005, By Examiner Figiel, B.	

Signature / Wutchung Chu/ Considered 01/04/2008	Examiner /Wutchung Chu/	Date Considered	01/04/2008
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Application Number	10/815,232
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Sheet 1 of 1	Attorney Docket Number	307568.01

			U.S. PATENT DOCUME	NTS	
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tinuais	140.	Number - Kind Code ² (if known)	MM-DD-YYYY	Applicant of Cited Document	Relevant Passages or Relevant Figures Appear
/XVC	/1	US-2006/0031536 A1	02-09-2006	Eydelman et al.	
/WC/	2	US-2003/0110257 A1	06-12-2003	Hyun et al.	
TWCI	3	US-2004/0088424 A1	05-06-2004	Park et al.	
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FOREIGN PATENT DOCUMENTS							
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Initials*	No.'	Country Code ³ Number ⁴ Kind Code ⁵ (if known)	Date MM-DD- YYYY	Name of Patentee or Applicant of Cited Document	Where Relevant Passages or Relevant Figures Appear	T*	

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STATEMENT BY APPLICANT			Filing Date	March 31, 2004
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Sheet	1 01	f 1	Attorney Docket Number	307568.01

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
mo	1	EUROPEAN PATENT OFFICE, "EUROPEAN SEARCH REPORT", for European Patent Application No. 05103723.2, Examiner Poppe F., 17 August, 2005, The Hague.	
wc	2	J. ROSENBERG et al., "SIP: Session Initiation Protocol", Internet Engineering Task Force, June 2002, pages 1-269.	
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Complete if Known **Application Number** 10/815.232 Filing Date March 31, 2004 First Named Inventor Jeremy T. Buch 2064 2619 Art Unit Not retained W.CHU Examiner Name 307568.01 Attorney Docket Number

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Examiner Initials*	Cite No.1	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant
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/WC/	1	^{US-} 2002/129236 A1	09-12-2002	Nuutinen Mikko	
/WC/	2	^{US-} 6 389 532 B1	05-14-2002	Gupta Amit, et al.	
WC/	3	^{US-} 2003/217165 A1	11-20-2003	Geremy Buch, et al	
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Examiner Signature	/Wutchung Chu/	Date Considered	01/04/2008

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/WC	1	EUROPEAN PATENT OFFICE, "European Search Report", for European Patent Application No. 05 10 2470.01, Examiner B. Figiel, November 24, 2005				
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